

CLAIM AMENDMENTS

The following is a complete list of claims. The claims below replace all prior versions of the claims in the application. Please amend claims 14 – 17, 19, 20 and 22, and cancel claims 13 and 18.

1. – 12. Canceled
13. Canceled
14. (Currently Amended) The valve of claim 20 13-wherein the cavity includes a longitudinal axis that is perpendicular or substantially perpendicular to the longitudinal axis of the passage.
15. (Currently Amended) The valve of claim 20 13-wherein the bar is straight or substantially straight and cylindrical or substantially cylindrical.
16. (Currently Amended) The valve of claim 20 13-wherein the bar extends in a direction perpendicular or substantially perpendicular to the longitudinal axis.
17. (Currently Amended) The valve of claim 20 13-wherein the plunger includes a circular plate having a drain-tube contact surface that includes at least one of the group consisting of a flat or substantially flat surface, a portion that is concave and a portion that is convex.
18. Canceled
19. (Currently Amended) The valve of claim 20 18-wherein the spring includes a coil spring disposed within the cavity and compressed between the plunger and the closed end of the cavity when the plunger is in the closed position.
20. (Currently Amended) A valve for controlling the flow of a fluid through a tube comprising:
a valve body including a passage having a longitudinal axis and sized to receive the tube, and a cavity that opens into the passage and includes a closed end;

a bar attached to the body and extending through the passage adjacent the longitudinal axis and opposite the cavity;

a plunger movable within the cavity away from the bar to an open position where the fluid can flow through the tube, and toward the bar to a closed position where the plunger pinches a portion of the tube against the bar to prevent or substantially prevent the flow of fluid through the tube; The valve of claim 18 further comprising:

a spring disposed within the cavity between the closed end and the plunger and operable to bias the plunger toward the bar;

a spring adjustment plate disposed between the closed end of the cavity and the spring and movable within the cavity to adjust the spring compression when the plunger is in the closed position; and

a spring adjustment member operable to move the spring adjustment plate.

21. (Original) The valve of claim 20 wherein the spring adjustment member includes a screw threaded through the body to contact the spring adjustment plate.
22. (Currently Amended) The valve of claim 20₁₃ wherein the body is made of acrylonitrile butadiene styrene plastic.
23. Canceled
24. Canceled